

*IPW***PATENT APPLICATION****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q92363

Toshiaki KAKINAMI, et al.

Appln. No.: 10/572,956

Group Art Unit: unknown

Confirmation No.: unknown

Examiner: unknown

Filed: March 21, 2006

For: DEVICE FOR DETECTING A ROAD TRAVELING LANE

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. §§ 1.97 and 1.98****MAIL STOP AMENDMENT**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith, except for the following: U.S. patents and/or U.S. patent publications; and co-pending non-provisional U.S. applications filed after June 30, 2003.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after

INFORMATION DISCLOSURE STATEMENT  
U.S. Appln. No.: 10/572,956

Attorney Docket No.  
Q92363

filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant notes that concise explanations of all of the listed documents are set forth in the "Background Art" section of the instant application, and English-language abstracts are provided for JP '198, JP '227, JP '252 and JP '399. Furthermore, a partial English-language translation is provided for the non-patent literature reference entitled "Introduction to Computer Image Processing."

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,



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WASHINGTON OFFICE  
**23373**  
CUSTOMER NUMBER

Date: June 21, 2006



Substitute for Form 1449 A &amp; B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

*Complete if Known*

|                        |                   |
|------------------------|-------------------|
| Application Number     | 10/572,956        |
| Confirmation Number    | unknown           |
| Filing Date            | June 23, 2006     |
| First Named Inventor   | Toshiaki KAKINAMI |
| Art Unit               | 3913              |
| Examiner Name          | Barry Drennan     |
| Attorney Docket Number | Q92363            |

**U.S. PATENT DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Document Number |                                      | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document |
|--------------------|-----------------------|-----------------|--------------------------------------|--------------------------------|---|
|                    |                       | Number          | Kind Code <sup>2</sup><br>(if known) |                                |   |
|                    | US                    |                 |                                      |                                |   |

**FOREIGN PATENT DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Foreign Patent Document   |                     |                                      | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document   | Translation <sup>4</sup> |
|--------------------|-----------------------|---------------------------|---------------------|--------------------------------------|--------------------------------|--|--------------------------|
|                    |                       | Country Code <sup>3</sup> | Number <sup>4</sup> | Kind Code <sup>5</sup><br>(if known) |                                |  |                          |
|                    | JP                    | 2003-168198               | A                   |                                      | 06/13/2003                     | TOYOTA MOTOR CORP.,<br>AISIN SEIKI CO., LTD. and<br>TOYOTA CENTRAL                         | Abstract                 |
|                    | JP                    | 2003-187227               | A                   |                                      | 07/04/2003                     | AISIN SEIKI CO., LTD.,<br>TOYOTA MOTOR CORP. and<br>TOYOTA CENTRAL RES & DEV<br>LAB., INC. | Abstract                 |
|                    | JP                    | 2003-187252               | A                   |                                      | 07/04/2003                     | AISIN SEIKI CO., LTD.,<br>TOYOTA MOTOR CORP. and<br>TOYOTA CENTRAL                         | Abstract                 |
|                    | JP                    | 2003-178399               | A                   |                                      | 06/27/2003                     | AISIN SEIKI CO., LTD.  | Abstract                 |
|                    |                       |                           |                     |                                      |                                |  |                          |
|                    |                       |                           |                     |                                      |                                |  |                          |
|                    |                       |                           |                     |                                      |                                |  |                          |
|                    |                       |                           |                     |                                      |                                |  |                          |

**NON PATENT LITERATURE DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published. | Translation <sup>6</sup> |
|--------------------|-----------------------|--|--------------------------|
|                    |                       | TAMURA, Hideyuki; "Introduction to Computer Image Processing", Soken Shuppan, March 10, 1985, pp. 127-128.   | Partial                  |
|                    |                       | FISHER, Martin et al.; "Random Sample Consensus: A Paradigm for Model Fitting with Applications to Image Analysis and Automated Cartography", Graphics and Image Processing, 1981, vol. 24(6); pp. 381-395   |                          |
|                    |                       | HARTLEY, Richard; "Multiple View Geometry in Computer Vision", Cambridge University Press, August 2000, pp. 101-107.   |                          |

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|--------------------|-----------------|-----------------|------------|
| Examiner Signature | /Barry Drennan/ | Date Considered | 10/08/2008 |
|--------------------|-----------------|-----------------|------------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

<sup>6</sup>Applicant is to indicate here if English translation is provided. /BTD/